

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE: SEP 26 1990

SUBJECT: Significant Federal Facilities Compliance Program, Rock Island Arsenal
(RIA), Rock Island, Illinois 61201 (IL5210021833) (A53204:K4)

FROM: Basim J. Dihu, Environmental Engineer
Central District Office (5SCDO)

TO: William D. Franz, Chief
Environmental Review Branch (5ME)

THRU: Willie H. Harris, Chief
Central District Office (5SCDO)

EPA Region 5 Records Ctr.



356885

Please find attached, a summary of findings for the ~~multi-media investigation conducted during FY '90~~ at:

Agency Name : United States Army

Facility Name : Rock Island Arsenal

Prime Contractor: NA

City, State : Rock Island, Illinois

I.D. No. : IL5210021833

Individual reports concerning the various elements inspected, have been forwarded to the respective media programs.

Should you have any questions or require additional information, please feel free to call me at (312) 886-6242.

Attachment

SIGNIFICANT FEDERAL FACILITIES COMPLIANCE PROGRAM

SUMMARY OF INSPECTION FINDINGS

I. FACILITY IDENTIFICATION

Agency Name : United States Army
Facility Name : Rock Island Arsenal
Prime Contractor: NA
City, State : Rock Island, Illinois
I.D. No. : IL5210021833

II. ESD PROJECT LEADER

Name : Basim J. DiHu
Organization : Central District Office
FTS No. : (8) 886-6242
Inspection Date(s): June (27-28) 1990

III. FACILITY DESCRIPTION

Rock Island Arsenal is under the command jurisdiction of the Commander, U.S. Army Armament Munitions and Chemical Command (AMCCOM), a subordinate command of the U.S. Army Material Command. The installation's mission is to manufacture and provide quality assurance and direct support for assigned products. The mission is also to perform Tool Set, Equipment Material, and Basic Item Issue assembly for AMCCOM, U.S. Army Tank-Automotive Command, U.S. Army Missile Command, and other national inventory control points as required. Administrative, logistical, and facility support services are provided to tenant activities assigned to RIA. Tenant activities include the National Cemetery and elements of the Corps of Engineers and the U.S. Naval Reserve Center.

IV. SUMMARY OF FINDINGS

A - CAA

The air sources were not evaluated during the inspection (see attached memo from David Kee dated February 2, 1990).

B - CWA

1 - NPDES: NA

2 - Pretreatment:

The facility does not have a direct discharge to navigable waters. Combined industrial and domestic wastewaters are directed to a pump station (Building 204), where they are

metered and sent via a force main to the city of Rock Island Regional Treatment facility. Approximately one million gallons per day is discharged to the city of Rock Island Regional Treatment.

The industrial wastewater receives treatment in the Industrial Wastewater Pretreatment Plant (IWPP) prior to discharge to City's force main. The City of Rock Island has issued a Wastewater Discharge Permit No. 002 to the RIA for the discharge of industrial pretreated wastewater to the City's Sewer.

In summary, the facility generally meets its pretreatment categorical limits as a metal finisher (as per 40 CFR 433.14). However, reviewing of the continued compliance reports for September 1989, December 1989, and February 1990 revealed that the plant exceeded the permit limit for zinc during September 1989.

- 3 - SPCC Plan: The facility has a certified SPCC Plan dated February 1988. Facility has not had any reportable quantity spills in recent years. The Plan contains a complete listing of each of their tanks on site. Representative secondary containment structures were inspected and two were found to be less than 110% of the tank capacity. The facility is planning to increase the capacity of the secondary containment structure on these tanks. In the meantime, the facility does not fill the tanks to the maximum capacity.

C - RCRA

- 1 - Solid Waste and Hazardous Waste - The Illinois Environmental Protection Agency conducted a RCRA inspection at RIA on March 28, 1990.
- 2 - UST: Satisfactory - This facility listed 10 underground storage tanks with the State of Illinois Fire Marshall. Leak tests were performed on Tanks #1, #2, #3, #4, #5, and #6.

D - FIFRA

Pesticides: Satisfactory - This federal facility has licensed pest control applicators on staff. Their licenses were current. No storage packaging or application record deficiencies were noted.


E - TSCA

A TSCA inspection is yet to be conducted at this facility.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE: FEB 29 1990

SUBJECT: Inspection of Federal Facilities

FROM: David Kee, Director 
Air and Radiation Division

TO: Williams H. Sanders, Director
Environmental Sciences Division

The air program has been forced to reduce the amount of resources designated for field inspection efforts this year. This reduction and the growth of other program demands has resulted in a need to make more effective use of our resources. The Air Compliance Branch (ACB) has reviewed the current Federal facilities inspection program and determined that it should be reduced for air pollution emitting facilities.

ACB conducted a review of Federal facilities which are subject to Clean Air Act regulations. Based on past enforcement history, frequency of State agency inspections, pollutant potential, source location in nonattainment areas, and other considerations, we have determined that many of our Federal facilities no longer require frequent Federal inspection. The following list of facilities should be scheduled for a FY 1990 air pollution program review inspection:

Aerospace Guidance, Air Base, Lockbourne, Ohio

Army Tank Automotive Command (TACOM), Warren, Michigan

Feed Materials Production Center, Fernald, Ohio

Fort Benjamin Harrison, Indianapolis, Indiana

Phelps Collins Air National Guard Base, Alpena, Michigan ✓

Portsmouth Gaseous Diffusion Plant, Piketon, Ohio

Rickenbacker Air Force Base, Lockbourne, Ohio

Wright-Patterson Air Force Base, Fairborn, Ohio

All other facilities should be inspected once every 3 years. ACB will review the compliance status of all Federal facilities periodically to ensure the effectiveness of using a reduced inspection schedule.

cc: William Franz, Chief
Environmental Review Branch

standard bcc's: official file copy w/attachment(s)
 originator's copy w/o attachment(s)
 originating organization reading file w/o attachments

other bcc's: Larry Kertcher

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

DATE:

SUBJECT: Evaluation of ESD Product

RE: RIA

FROM Willie H. Harris, Chief
Central District Office (5S CDO)

ACT # A 53204:K4

TO: William FRANZ Chief, Env. Review BRANCH

The subject product you requested is attached. Please take a few minutes to fill out this evaluation form, sign it, have it initialed by your Section and Branch Chief, and return it to me. This information will help us to better meet your needs and also provide important feedback to the staff. I have provided an addressed Special Attention envelope for your convenience. Please circle a number from 1 to 5 to indicate your level of satisfaction: 1 is unsatisfactory, 3 is average, and 5 is outstanding.

- | | | | | | |
|--|---|---|---|---|---|
| 1) How well did the product satisfy your objectives? | 1 | 2 | 3 | 4 | 5 |
| _____ | | | | | |
| _____ | | | | | |
| 2) How do you rate completeness? | 1 | 2 | 3 | 4 | 5 |
| _____ | | | | | |
| _____ | | | | | |
| 3) How do you rate quality? | 1 | 2 | 3 | 4 | 5 |
| _____ | | | | | |
| _____ | | | | | |
| 4) How do you rate technical competence? | 1 | 2 | 3 | 4 | 5 |
| _____ | | | | | |
| _____ | | | | | |
| 5) How do you rate timeliness? | 1 | 2 | 3 | 4 | 5 |
| _____ | | | | | |
| _____ | | | | | |
| 6) What is your overall rating? | 1 | 2 | 3 | 4 | 5 |
| _____ | | | | | |
| _____ | | | | | |
| 7) What suggestions do you have for improvement? | 1 | 2 | 3 | 4 | 5 |
| _____ | | | | | |
| _____ | | | | | |
| 8) How did you or will you use the product? | 1 | 2 | 3 | 4 | 5 |
| _____ | | | | | |
| _____ | | | | | |

Rater Signature _____
Unit or Section Chief Initials _____